

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (Previously Amended) A housing for an electronic monitoring device on a vehicle part such as a lead accumulator, said housing comprising:

- a) a metallic load-bearing base plate;
- b) an injection molded generally parallelepipedal housing body formed on and <sup>partially</sup> surrounding said base plate including on a side and bottom surface of the base plate;

said base plate projecting out of said housing body on at least one side, thus forming a cantilevered attachment section.

Claim 2 (original) The housing according to Claim 1, wherein said base plate is stamped from sheet metal.

Claim 3 (original) The housing according to Claim 2, wherein at least one contact plate is stamped from said sheet metal with at least one contact tag projecting out of said housing body after encapsulation.

Claim 4 (original) The housing according to Claim 3, wherein said contact tag is surrounded by a protective sleeve integrally molded with said housing body.

Claim 5 (canceled)

Claim 6 (canceled)

Claim <sup>5</sup>~~7~~ (original) The housing according to Claim 1, wherein said housing body comprises integrally molded internal support structures for a printed circuit board.

Claim <sup>6</sup>~~8~~ (previously amended) The housing according to claim 1, wherein said housing body has an open side opposite said base plate and a removable cover, said cover fitting on the open side of said housing body and being connected to said housing body by an interaction of lock-in openings and corresponding support projections.

Claim <sup>7</sup>~~9~~ (original) The housing according to Claim 1, wherein said attachment section of said base plate has at least one embossed reinforcement bead.

Claim <sup>8</sup>~~10~~ (original) The housing according to Claim 1, wherein said attachment section has at least one attachment hole for the passage of a stud which is attached to a cell terminal of a lead accumulator.

Claim 11 (canceled)

Claim <sup>9</sup>~~12~~ (previously added) An electronic monitoring device on a vehicle part such as a lead accumulator, said device comprising:

a housing with a metallic load-bearing base plate and an injection molded, generally parallelepipedal housing body formed on and <sup>partially</sup> surrounding said base plate including

on a side and bottom surface of the base plate,  
a printed circuit board, and  
at least one soldering pin being stamped out from  
said base plate,  
said soldering pin being perpendicularly bent  
upwards inside said housing body, said soldering pin  
penetrating into a corresponding opening of said printed  
circuit board to contact said printed circuit board.

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*Cont*  
Claim <sup>10</sup>~~13~~ (new) A housing for an electronic monitoring device  
on a vehicle part such as a lead accumulator, said housing  
comprising:

a) a metallic load-bearing base plate;  
b) an injection molded generally parallelepipedal  
housing body formed on and <sup>partially</sup> surrounding said base plate  
including on a side and bottom surface of the base plate;  
said base plate projecting out of said housing body  
on at least one side, thus forming a cantilevered attachment  
section,

wherein at least one soldering pin is stamped out  
from said base plate, said soldering pin being perpendicularly  
bent upwards inside said housing body.

*11*  
Claim ~~14~~ (new) A housing for an electronic monitoring device  
on a vehicle part such as a lead accumulator, said housing  
comprising:

a) a metallic load-bearing base plate;

b) an injection molded generally parallelepipedal housing body formed on and <sup>partially</sup> surrounding said base plate including on a side and bottom surface of the base plate;

said base plate projecting out of said housing body on at least one side, thus forming a cantilevered attachment section,

wherein said base plate is stamped from sheet metal;

wherein at least one contact plate is stamped from said sheet metal with at least one contact tag projecting out of said housing body after encapsulation;

wherein at least one soldering pin is stamped out from said contact plate, said soldering pin being perpendicularly bent upwards inside said housing body.

Claim <sup>12</sup> ~~15~~ (new) A housing for an electronic monitoring device on a vehicle part such as a lead accumulator, said housing comprising:

a) a metallic load-bearing base plate;

b) an injection molded generally parallelepipedal housing body formed on and <sup>partially</sup> surrounding said base plate including on a side and bottom surface of the base plate;

said base plate projecting out of said housing body on at least one side, thus forming a cantilevered attachment section.

wherein said base plate has a contact tag that is bent upwards and that forms a contact surface for a temperature sensor element mounted on a printed circuit board.

Claim <sup>13</sup>~~18~~ (new) An electronic monitoring device on a vehicle part such as a lead accumulator, said device comprising:

a metallic load-bearing base plate,

an injection molded, generally parallelepipedal housing body made of an electrically non-conductive material formed on and partially surrounding said base plate including on a side and bottom surface of the base plate, and

a printed circuit board in said housing,

said base plate including a portion for electrical communication with said circuit board,

said base plate including a cantilever attachment section projecting out of said housing body on at least one side for attachment to said vehicle part.

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